TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burns Harbor - Port

Site Abbreviation BHP-A-3 Deployment No. 3

Clean Batch PUF Plug No. _____ Clean Batch Filter No. _____

Field Deployment and Recovery

Field *Deployment* Technician Name S. Keller Setup Date/Time 4/16/21 9:00

Sample Run Date 4/18/21 *Flow Conditions should be STD. Flow Rate should be 225 liters/min.*

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☐ Green power light should start to blink;
- ☐ Timer countdown should start indicating when sampling run will commence;
- ☐ Status on main screen should change to "Waiting".

Field *Recovery* Technician Name S. Keller Recovery Date/Time 4/19/21 13:00 CDT

Q_{Std} Avg Flow (liters/min)	215	Actual Start Date/Time	4/18/21 0:00
CV	2.91	Actual Stop Date/Time	4/19/21 0:00
Q_{Std} Volume (m^3)	309.78	T_{amb} Avg (°C)	10.5
Elapsed Time (HH:MM)	24:00	P_{amb} Avg (mmHg)	742
Flags? *Expected flags: Completed, Q_{Std}*			

Sample Status: **VALID** **VOID** **(circle one)**

Site Observations

Run Day Temperatures: High 59 Low 37 Source: Weather Channel

Run Day Precipitation: 0

Run Day Wind/Wind Direction: WSW 8 mph

Run Day Sky Cover: Pt. cloudy

Unusual Events? (fires, major storms, construction, etc.): _____

Maintenance

Check all that apply.

Weekly Checks:

- ☐ Power cords/plugs ok?
- ☐ Gaskets ok?
- ☐ Shelter ok?
- ☐ Tubing ok?
- ☐ Timer ok?
- ☐ Debris removed?

Monthly Checks: *(after 5th sample run of the month)*

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Temperature sensors within **±2°C** of transfer standard?
- ☐ Pressure sensor within **±10 mmHg** of transfer standard?
- ☐ One-point flow verification within **±10%** of $Q_{Std\ PUFPLUS}$ ($0.225\frac{m^3}{min}$)?

Maintenance Notes: